IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A recording control apparatus for controlling recording a file of first data of each of a plurality of data series onto a recording medium, said recording control apparatus comprising:

means for generating second data that is logically disposed at a start of said file;

means for generating third data, that is logically disposed at an end of said file, that makes data amounts of said first data and said second data integral multiples of a unit of reading and writing of said recording medium, by being added to said first data or said second data;

means for generating a file unit metadata file in which header metadata is disposed and a frame unit metadata file in which system items of edit units are disposed en bloc,

wherein system items include metadata of each edit unit;

a master file generating means for generating a master file in an AV independent format, where the file unit metadata and the frame unit metadata are brought together into one file separately from each other,

wherein the master file includes a pointer to each of a plurality of video files, the respective audio files of a plurality channels, a file unit metadata file, a frame unit metadata file, and an auxiliary file; and

means for performing recording control to record said file onto said recording medium such that said first data is recorded so as to have data amount of an integral multiple of said unit of reading and writing of said recording medium by adding said third data onto said recording medium such that boundaries of said first data coincide with boundaries of said unit, and to record said second data made to have the data amount of an integral multiple of said unit by adding said third data onto said recording medium such that boundaries of said second data coincide with boundaries of said unit.

2-3. (Canceled)

4. (Currently Amended) A recording control method for controlling recording a file of first data of each of a plurality of data series onto a recording medium, said recording control method comprising:

a step for generating second data that is logically disposed at a start of said file;

a step for generating third data that is logically disposed at an end of said file, that makes data amounts of said first data and said second data integral multiples of a unit of reading and writing of said recording medium, by being added to said first data or said second data;

a step of generating a file unit metadata file in which header metadata is disposed and a frame unit metadata file in which system items of edit units are disposed en bloc,

wherein system items include metadata of each edit unit;

a step of generating a master file in an AV independent format, where the file unit metadata and the frame unit metadata are brought together into one file separately from each

other, wherein the master file includes a pointer to each of a plurality of video files, the respective audio files of a plurality channels, a file unit metadata file, a frame unit metadata file, and an auxiliary file; and

a step for performing recording control to record said file onto said recording medium such that said first data is recorded so as to have data amount of an integral multiple of said unit of reading and writing of said recording medium by adding said third data onto said recording medium such that boundaries of said first data coincide with boundaries of said unit, and to record said second data made to have the data amount of an integral multiple of said unit by adding said third data onto said recording medium such that boundaries of said second data coincide with boundaries of said unit.

5. (Currently Amended) A recording medium containing a computer-executable program for making the computer perform a recording control process for controlling recording a file of first data of each of a plurality of data series onto a recording medium, said recording control process comprising:

a step for generating second data that is logically disposed at a start of said file;

a step for generating third data that is logically disposed at an end of said file, that makes data amounts of said first data and said second data integral multiples of a unit of reading and writing of said recording medium, by being added to said first data or said second data;

a step of generating a file unit metadata file in which header metadata is disposed and a frame unit metadata file in which system items of edit units are disposed en bloc,

wherein system items include metadata of each edit unit;

a step of generating a master file in an AV independent format, where the file unit metadata and the frame unit metadata are brought together into one file separately from each other,

wherein the master file includes a pointer to each of a plurality of video files, the respective audio files of a plurality channels, a file unit metadata file, a frame unit metadata file, and an auxiliary file; and

a step for performing recording control to record said file onto said recording medium such that said first data is recorded so as to have data amount of an integral multiple of said unit of reading and writing of said recording medium by adding said third data onto said recording medium such that boundaries of said first data coincide with boundaries of said unit, and to record said second data made to have the data amount of an integral multiple of said unit by adding said third data onto said recording medium such that boundaries of said second data coincide with boundaries of said unit.

6. (Canceled)

7. (Canceled)

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